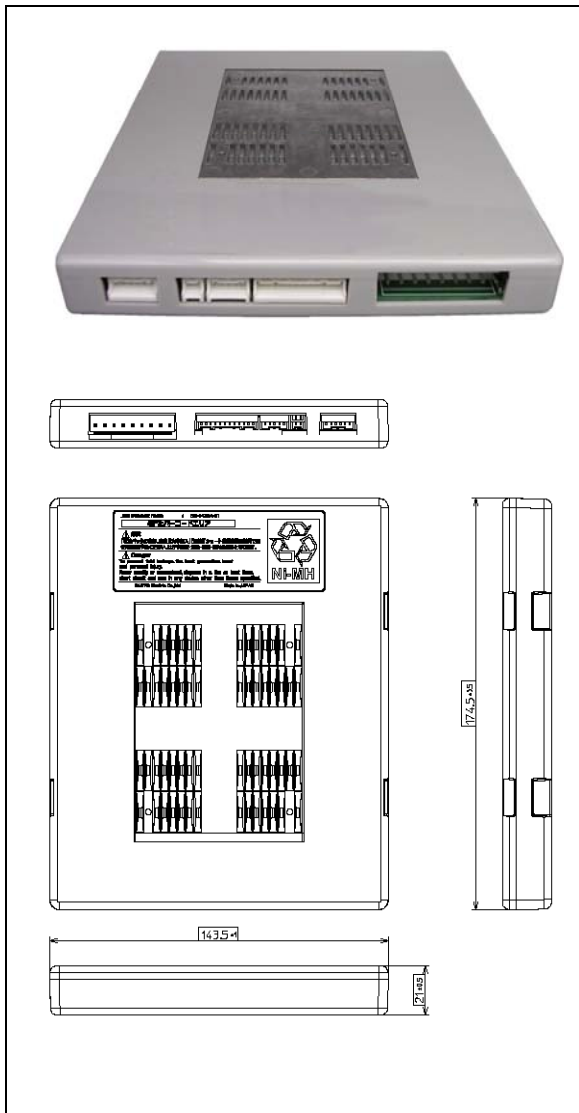


Specifications



Battery Type		Nickel-Metal Hydride Battery	
Cells Per Unit		14cells	
Nominal Voltage		16.8V	
Maximum Discharge Current		100A(0.5sec)	
Ambient Temp.	Charge Condition	Recommend	20°C - 30°C
		Possible	5°C - 50°C
	Discharge Condition		5°C - 50°C
	Storage Condition	Less than 30days	-20°C - 50°C
Less than 90days		-20°C - 40°C	
Less than 1year		-20°C - 30°C	
Weight		Approx. 1050 g	
Charging Voltage		24±1 V	
Charging Current		400±50 mA	
Charging Time		Approx. 14hrs	
Discharge End Voltage		12.2V	
Dimension		143.5×174.5×21.0 mm	
Expected Life (these values are changed at actual condition.)		6years at 25°C	
		4years at 35°C	

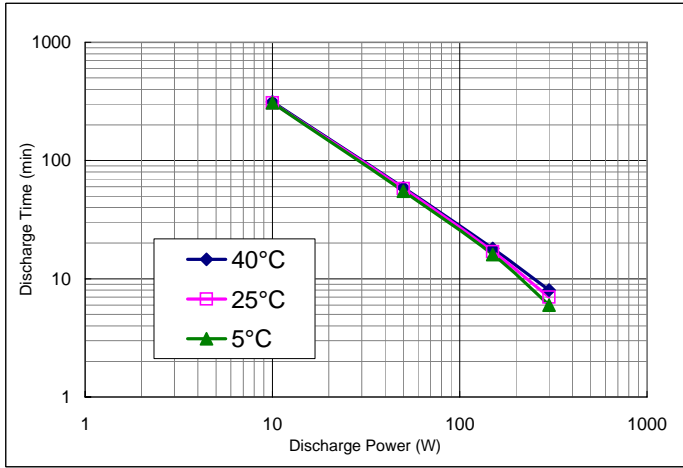
Features

Charge Control	Full charge detection, Over-charge protection
Discharge Control	Report discharge status, Over-discharge protection
Fuel Gauge	Accumulation is carried out by charging/discharging current
Interface	Report the battery status and information to host PC(RS232C interface) UPS- mode which support Windows-OS(9x/ME/NT/W2K/XP/2003sv etc.)
Self-diagnosis	Cell balancing, Learning capacity, Battery impedance
Alarm Status	Terminate charge and discharge alarm, Power fan alarm, Over temp (battery) alarm, Self-diagnosis alarm
Self discharge	BU-1432A can be stored for within 12months at 25deg.C. BU-1432A is not necessary to maintenance charging before using.

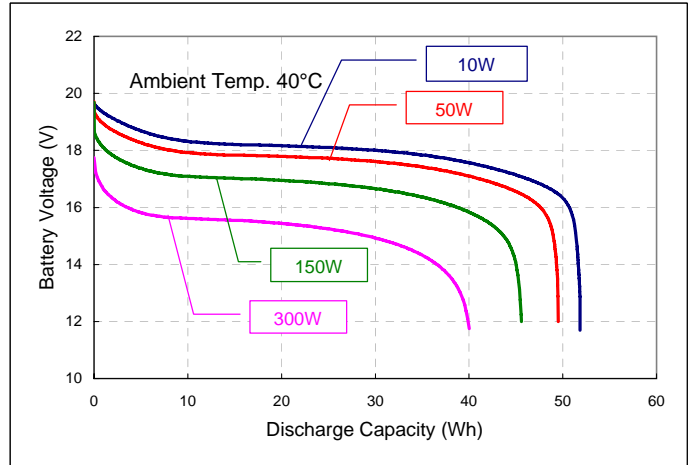


NOTICE : these graphs are output from battery terminal, exclude power supply efficiency.

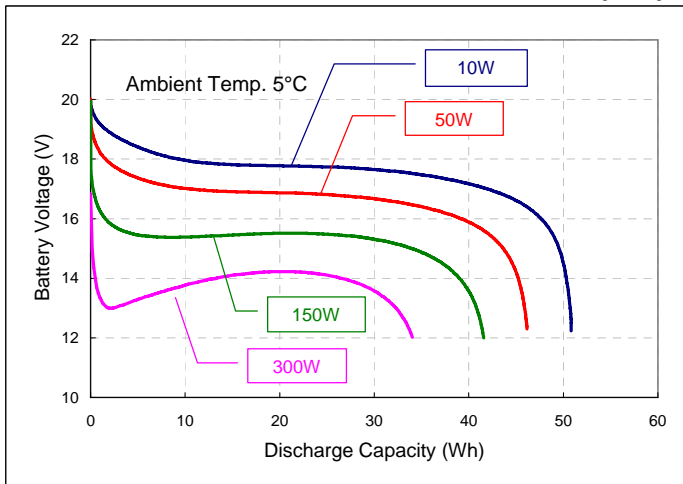
Discharge Time and Discharge Power



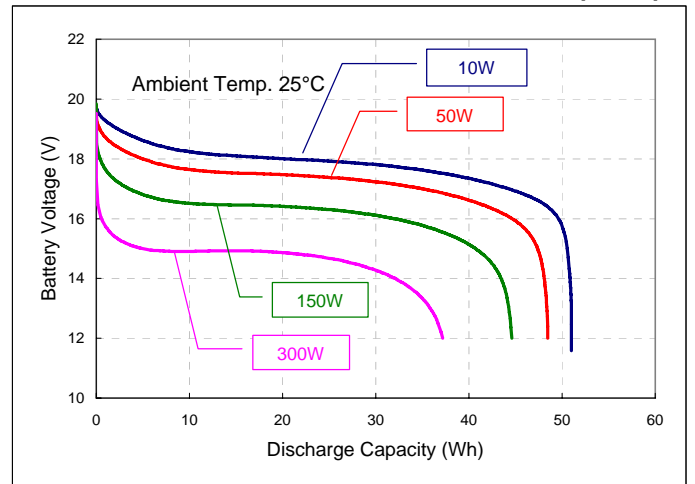
Terminal Voltage and Discharge Capacity (40°C)



Terminal Voltage and Discharge Capacity (5°C)



Terminal Voltage and Discharge Capacity (25°C)



information

Power

B9PS-VH			
1	RTN	6	Discharger
2	RTN	7	Discharger
3	RTN	8	Discharger
4	RTN	9	Charger
5	Discharger	-	-

Control connector

S12B-PASK-2			
1	RXD	7	SYS_IN
2	TXD	8	5VSB
3	DC_GND	9	5VSYS
4	AC_FAIL	10	FAN_ALARM
5	BAT_LOW	11	BAT_TEST
6	UPS_SD	12	DC_END

S05B-PASK-2	
1	DC_GND
2	BAT_LOW
3	AC_FAIL
4	TXD
5	RXD

